

## Flectalon®

**Tog Values** – Independent test reports to BS.4745 confirm Flectalon to be superior in all respects, when compared to Polyester Hollow Fiber (PET) and Polyester/Polyolefin Micro Fiber (PET/PO). See table below:

Fiber type	Loft mm	Tog cm <sup>2</sup> /IOW	Density kg/m <sup>3</sup>	Warmth / Weight incl. covers	Resistivity Tog/cm
FLECTALON	22	7,7	10,9	213	3,5
Hollow Fiber polyester	33	7,1	7,6	200	2,2
Micro Fiber polyolefin	13	39	19,4	108	3,0

Tog values for FLECTALON and competitive quilts at equal filling weight of 250 g/m<sup>2</sup> under minimal compression.

**Physiological Measurements** – Controlled critical temperature tests carried out by the Welsh National School of Medicine have, for the first time, given a physiological measurement of the efficiency of insulating materials. These tests were carried out using a variety of swaddling materials and have confirmed Flectalon® superiority.

Extract from the paper “New insulating material in maintenance of body temperature” published in Archives of Disease in Childhood by the British Medical Association:

*Our results indicate that a baby swaddled in 70 g/m<sup>2</sup> of FLECTALON has a lower critical temperature (16,2° C) than in the bag made with either HOLLOFIL 160 g/m<sup>2</sup> (19,5° C) or THINSULATE 180 g/m<sup>2</sup> (19,5° C).*

The more effective the insulating material the lower the critical temperature.